LABDEX

# Low Speed Centrifuge LX101LSC

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# Description

Low Speed Centrifuge LX101LSC is a microcomputer controlled unit with a speed of 4000 rpm. Integrated digital display to set and track the speed, time, RCF and other parameters required in the operations. Features automated lid lock function to prevent unwanted interruptions during the operation.

# Specifications

| | |
|---|---|
| **Maximum speed** | 4000 rpm |
| **Maximum RCF** | 1190 × g (24 cards), 1480 × g (12 cards) |
| **Maximum capacity** | 24 cards / 12 cards |
| **Timer range** | 0 ~ 99 min |
| **Speed accuracy** | ± 20 rpm |
| **Noise** | ≤ 55 dBA |
| **Power supply** | AC 110V/220V; 50 - 60 Hz |
| **Net weight** | 17 kg |
| **Packing dimensions (H x W x D)** | 250 × 500 × 360 mm |
| **Gross weight** | 19 kg |

# Features

- Speed - 4000 rpm
- Emergency lock which helps in opening the lid when power goes off
- Three layers of protective steel covering and stainless steel chamber
- Automatic lid lock closes unit effortlessly

- Protection against over speed and over temperature
- System imbalance detection

## Applications

- Used to analyze and separate blood components, in performing serological test in hospitals and research institutes

## Rotor Selection

| Rotor name | Maximum speed (rpm) | Maximum capacity (ml) | Maximum RCF (×g) |
|---|---|---|---|
| Swing rotor 01 | 4000 | 12 Cards (485 x 320 x 250) | 1480 |
| Swing rotor 02 | 3000 | 24 Cards (500 x 360 x 250) | 1190 |

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